

NEW JERSEY

WEEKLY CROP WEATHER

New Jersey Field Office

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.

Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.

New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.

Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.

Landisville
Phone: (856)697-2273
Direct Sales Daily

Swedesboro
Phone: (856)476-0313

Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

Rainfall Hinders Field Crop Harvesting

Days suitable for field work, for the week ending Sunday, October 28, 2007, were 3.5. Topsoil moisture was rated 1% short, 85% adequate and 14% surplus. Irrigation water supply was rated 88% adequate and 12% surplus. There were measurable amounts of rainfall for the week in most localities, with totals ranging from just over one and a half inches to nearly five inches of rain. Temperatures were much above normal during the week in most areas of the Garden State. Wet conditions hindered field work during the latter half of the week. Harvest of field corn and soybeans continued, weather permitting. The planting of cover crops continued. Vegetable harvest continued, with most crops rated in good to excellent condition. Producers were able to make good progress harvesting spinach, cabbage, fall lettuces, broccoli and cauliflower. Cranberry harvest continued, with most of the crop rated in good condition. Apple harvest progressed across the state.

Climate summary for the week ending 8 am 10/29/07

Temperatures averaged much, much above normal averaging 57 degrees North, 60 degrees Central, and 61 degrees South. Extremes were 82 degrees at Canoe Brook on October 24, 2007 and 29 degrees at Flemington on October 29, 2007.

Weekly rainfall averaged 3.60 inches North, 2.18 inches Central, and 2.49 inches South. The heaviest 24 hour total reported was 3.53 inches at Flemington on October 26, 2007 to October 27, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 98 percent North, 97 percent Central, and 95 percent South.

Four inch soil temperatures averaged 61 degrees North, 63 degrees Central, and 64 degrees South.

Weather Summary for the Week Ending 8 am Monday, October 29, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -			- Degrees-				- Base 50° F -			
NORTH										
Canoe Brook	3.01	49.48	16.11	82	32	58	9	3474	751	99
Charlotteburg	3.55	38.81	4.72	79	30	57	11	3122	998	100
Flemington	4.86	41.23	9.46	80	29	57	8	3411	619	100
Newton	2.96	36.35	5.39	76	36	57	11	3057	681	99
CENTRAL										
Freehold	1.85	36.69	5.73	80	30	59	8	3703	669	99
Long Branch	1.91	37.45	6.07	80	36	61	9	3332	350	99
New Brunswick	2.24	43.38	12.07	79	33	59	8	3617	447	100
Toms River	1.98	31.92	-.40	80	41	61	10	3531	554	98
Trenton	2.91	31.94	2.51	80	40	59	7	3794	483	98
SOUTH										
Cape May C.H.	2.39	23.28	-4.54	79	39	62	7	3719	582	98
Downtown	2.07	24.27	-4.73	80	37	60	8	3795	445	99
Glassboro	2.87	29.00	-1.65	81	41	61	9	4147	858	98
Hammonton	1.64	24.15	-6.34	80	41	62	10	3931	641	98
Pomona	2.45	27.02	-.52	79	39	63	12	3873	822	98
Seabrook	3.52	27.91	-.30	80	37	60	7	4158	784	99
South Harrison	3.30	29.88	-.05	80	43	61	NA	4040	NA	NA

*Departure from normal.
1/Growing degree days since March 1, 2007, total and departure from normal or long term average.
2/Estimated soil moisture as % of field capacity based on climate data.